

|    | Type | Hits   | Search Text   | DBs                              | Time Stamp       |
|----|------|--------|---|----------------------------------|------------------|
| 1  | IS&R | 1      | ("6173401").PN.   | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 17:59 |
| 2  | BRS  | 126    | 705/53  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:01 |
| 3  | BRS  | 1      | 705/53 and 705/64 and 705/77 and<br>705/68 and 705/78         | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:02 |
| 4  | BRS  | 49     | 705/68  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:02 |
| 5  | BRS  | 127    | 705/78  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:03 |
| 6  | BRS  | 115    | 705/77  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:03 |
| 7  | BRS  | 201    | 705/64  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:03 |
| 8  | BRS  | 17004  | download  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:03 |
| 9  | BRS  | 31412  | download\$  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:04 |
| 10 | BRS  | 124891 | verif\$   | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:04 |
| 11 | BRS  | 6242   | smart adj card  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:04 |
| 12 | BRS  | 1015   | download\$ and verif\$ and (smart adj<br>card)                | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:05 |
| 13 | BRS  | 20     | (download\$ and verif\$ and (smart adj<br>card)) and 705/53   | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/01 18:05 |
| 14 | BRS  | 20     | (download\$ and verif\$ and (smart adj<br>card)) and 705/53   | USPAT; EPO; IBM_TDB              | 2002/07/01 18:15 |
| 15 | BRS  | 3      | petit-frederic.in.  | USPAT; EPO; IBM_TDB              | 2002/07/01 18:11 |
| 16 | BRS  | 37     | download\$ adj verif\$  | USPAT; EPO; IBM_TDB              | 2002/07/02 14:28 |
| 17 | IS&R | 1      | ("6105008").PN.   | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/02 15:16 |
| 18 | BRS  | 1      | ((("6105008").PN.) and encryption and<br>download and verif\$ | USPAT; EPO; IBM_TDB              | 2002/07/02 15:43 |

|    | Type | Hits | Search Text  | DBs                 | Time Stamp       |
|----|------|------|--|---------------------|------------------|
| 19 | BRS  | 9    | download adj validation  | USPAT; EPO; IBM_TDB | 2002/07/02 15:47 |
| 20 | BRS  | 7    | download adj verification  | USPAT; EPO; IBM_TDB | 2002/07/02 15:47 |
| 21 | BRS  | 0    | 6347398.URPN.  | USPAT               | 2002/07/02 16:04 |
| 22 | BRS  | 55   | ("4558413"   "4796181"   "5047928"  <br>"5142680"   "5155484"   "5155680"  <br>"5155847"   "5267171"   "5337360"  <br>"5367686"   "5388211"   "5390247"  <br>"5421009"   "5473772"   "5495411"  <br>"5528490"   "5548645"   "5555416"  <br>"5586304"   "5586322"   "5638446"  <br>"5654901"   "5678002"   "5694546"  <br>"5701451"   "5706502"   "5708709"  <br>"5710918"   "5717930"   "5721824"  <br>"5732275"   "5742829"   "5748960"  <br>"5761499"   "5764992"   "5809287"  <br>"5835777"   "5838906"   "5845077"  <br>"5845090"   "5860012"   "5881236"  <br>"5909545"   "5909581"   "5913040"  <br>"5960189"   "5999740"   "6006034"  <br>"6009274"   "6049671"   "6074434"  <br>"6091411"   "6151643"  <br>"6256668") .PN. | USPAT               | 2002/07/02 16:11 |

| Type   | Hits | Search Text   | DBs                              | Time Stamp       |
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| 23 BRS | 0    | ((("4558413"   "4796181"   "5047928"  <br>"5142680"   "5155484"   "5155680"  <br>"5155847"   "5267171"   "5337360"  <br>"5367686"   "5388211"   "5390247"  <br>"5421009"   "5473772"   "5495411"  <br>"5528490"   "5548645"   "5555416"  <br>"5586304"   "5586322"   "5638446"  <br>"5654901"   "5678002"   "5694546"  <br>"5701451"   "5706502"   "5708709"  <br>"5710918"   "5717930"   "5721824"  <br>"5732275"   "5742829"   "5748960"  <br>"5761499"   "5764992"   "5809287"  <br>"5835777"   "5838906"   "5845077"  <br>"5845090"   "5860012"   "5881236"  <br>"5909545"   "5909581"   "5913040"  <br>"5960189"   "5999740"   "6006034"  <br>"6009274"   "6049671"   "6074434"  <br>"6091411"   "6151643"   "6240360"  <br>"6256668").PN.) and (smart adj card) | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/02 16:11 |

| Type   | Hits | Search Text   | DBs                              | Time Stamp       |
|--------|------|---|----------------------------------|------------------|
| 24 BRS | 3    | ((("4558413"   "4796181"   "5047928"  <br>"5142680"   "5155484"   "5155680"  <br>"5155847"   "5267171"   "5337360"  <br>"5367686"   "5388211"   "5390247"  <br>"5421009"   "5473772"   "5495411"  <br>"5528490"   "5548645"   "5555416"  <br>"5586304"   "5586322"   "5638446"  <br>"5654901"   "5678002"   "5694546"  <br>"5701451"   "5706502"   "5708709"  <br>"5710918"   "5717930"   "5721824"  <br>"5732275"   "5742829"   "5748960"  <br>"5761499"   "5764992"   "5809287"  <br>"5835777"   "5838906"   "5845077"  <br>"5845090"   "5860012"   "5881236"  <br>"5909545"   "5909581"   "5913040"  <br>"5960189"   "5999740"   "6006034"  <br>"6009274"   "6049671"   "6074434"  <br>"6091411"   "6151643"   "6240360"  <br>"6256668").PN.) and (portable adj<br>medium) | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/02 16:11 |
| 25 BRS | 18   | (US-6101477-\$ or US-6401066-\$ or<br>US-6347398-\$ or US-6219836-\$ or<br>US-5444861-\$ or US-5912958-\$ or<br>US-6040829-\$ or US-6199204-\$ or<br>US-6247128-\$ or US-6256668-\$ or<br>US-6009274-\$ or US-6006034-\$ or<br>US-5999740-\$ or US-5909581-\$ or<br>US-5748960-\$ or US-5638446-\$).did. or<br>(GB-2333630-\$ or WO-9938129-\$).did.  | USPAT; EPO                       | 2002/07/02 16:51 |

|    | Type | Hits  | Search Text  | DBs                              | Time Stamp       |
|----|------|-------|--|----------------------------------|------------------|
| 26 | BRS  | 3     | ((US-6101477-\$ or US-6401066-\$ or<br>US-6347398-\$ or US-6219836-\$ or<br>US-5444861-\$ or US-5912958-\$ or<br>US-6040829-\$ or US-6199204-\$ or<br>US-6247128-\$ or US-6256668-\$ or<br>US-6009274-\$ or US-6006034-\$ or<br>US-5999740-\$ or US-5909581-\$ or<br>US-5748960-\$ or US-5638446-\$).did. or<br>(GB-2333630-\$ or WO-9938129-\$).did.)<br>and "smart card"           | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/02 16:52 |
| 27 | BRS  | 6     | ((US-6101477-\$ or US-6401066-\$ or<br>US-6347398-\$ or US-6219836-\$ or<br>US-5444861-\$ or US-5912958-\$ or<br>US-6040829-\$ or US-6199204-\$ or<br>US-6247128-\$ or US-6256668-\$ or<br>US-6009274-\$ or US-6006034-\$ or<br>US-5999740-\$ or US-5909581-\$ or<br>US-5748960-\$ or US-5638446-\$).did. or<br>(GB-2333630-\$ or WO-9938129-\$).did.)<br>and (download adj verif\$) | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/03 16:26 |
| 28 | IS&R | 1     | ("6282522").PN.  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/03 16:27 |
| 29 | BRS  | 31851 | "713"  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/03 17:32 |
| 30 | IS&R | 2     | ("5590038").PN.  | USPAT; US-PGPUB;<br>EPO; IBM_TDB | 2002/07/03 17:32 |

|    | U                                   | 1                                   | 2                                   | 3                                   | 4                                   | Document ID   | Issue Date | Pages | Title  | Current OR |
|----|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---------------|------------|-------|--|------------|
| 1  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 5444861 A  | 19950822   | 8     | System for downloading software  | 717/178    |
| 2  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 5590038 A  | 19961231   | 31    | Universal electronic transaction card including receipt storage and system and methods of conducting electronic transactions | 705/41     |
| 3  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 5638446 A  | 19970610   | 7     | Method for the secure distribution of electronic files in a distributed environment  | 705/51     |
| 4  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 5748960 A  | 19980505   | 46    | Method and apparatus for validating travelling object-oriented programs with digital signatures                              | 709/316    |
| 5  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 5909581 A  | 19990601   | 8     | Automatic software updating method   | 717/170    |
| 6  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 5912958 A  | 19990615   | 17    | On-hold device   | 379/170    |
| 7  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | GB 2333630 A  | 19990728   | 58    | Smart card with travel and/or business partner scheme applications   |            |
| 8  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | WO 9938129 A1 | 19990729   | 64    | METHODS AND APPARATUS FOR A TRAVEL-RELATED MULTI-FUNCTION SMARTCARD  |            |
| 9  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 5999740 A  | 19991207   | 13    | Updating mechanism for software  | 717/173    |
| 10 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 6006034 A  | 19991221   | 24    | Systems and methods for automatic application version upgrading and maintenance  | 717/170    |
| 11 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 6009274 A  | 19991228   | 13    | Method and apparatus for automatically updating software components on end systems over a network                            | 717/173    |

|    | Current XRef                              | Inventor                  |
|----|---|---------------------------|
| 1  | 713/100;<br>713/2                         | Adamec, William B. et al. |
| 2  | 235/380                                   | Pitroda, Satyan G.        |
| 3  | 380/30;<br>713/176;<br>713/187            | Rubin, Aviel D.           |
| 4  |   | Fischer, Addison M.       |
| 5  |   | Park, Seong-Kab           |
| 6  | 379/128                                   | Eyan, Giora et al.        |
| 7  |   | HOHLE, WILLIAM et al.     |
| 8  |   | HOHLE, WILLIAM et al.     |
| 9  | 709/221;<br>709/223                       | Rowley, David John        |
| 10 |   | Heath, Clifford et al.    |
| 11 | 709/217;<br>709/221;<br>713/1;<br>713/100 | Fletcher, Rick et al.     |

|    | U                                   | 1                                   | 2                                   | 3                                   | 4                                   | Document ID   | Issue Date | Pages | Title  | Current OR |
|----|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---------------|------------|-------|--|------------|
| 12 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | US 6040829 A  | 20000321   | 68    | Personal navigator system  | 345/864    |
| 13 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | US 6101477 A  | 20000808   | 26    | Methods and apparatus for a travel-related multi-function smartcard                        | 705/1      |
| 14 | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 6105008 A  | 20000815   | 43    | Internet loading system using smart card   | 705/41     |
| 15 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | US 6199204 B1 | 20010306   | 17    | Distribution of software updates via a computer network                                    | 717/178    |
| 16 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | US 6219836 B1 | 20010417   | 11    | Program management method and apparatus for gaming device components                       | 717/178    |
| 17 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | US 6247128 B1 | 20010612   | 46    | Computer manufacturing with smart configuration methods                                    | 713/100    |
| 18 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 6256668 B1 | 20010703   | 21    | Method for identifying and obtaining computer software from a network computer using a tag | 709/220    |
| 19 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 6282522 B1 | 20010828   | 41    | Internet payment system using smart card   | 705/41     |
| 20 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | US 6347398 B1 | 20020212   | 29    | Automatic software downloading from a computer network                                     | 717/178    |



|    | Current XRef  | Inventor                           |
|----|---|------------------------------------|
| 12 | 345/817;<br>345/859;<br>348/731;<br>348/734;<br>348/906;<br>455/158.5;<br>455/186.2;<br>455/352;<br>725/141;<br>725/31;<br>725/39 | Croy, Clemens et al.               |
| 13 | 235/380;<br>235/384;<br>705/5   | Hohle, William et al.              |
| 14 | 235/375;<br>235/380;<br>705/35;<br>705/66;<br>705/68  | Davis, Virgil M. et al.            |
| 15 | 705/59  | Donohue, Seamus                    |
| 16 | 463/25;<br>463/27   | Wells, Bill et al.                 |
| 17 | 713/1;<br>713/201;<br>717/178   | Fisher, Jerald C. et al.           |
| 18 |   | Slivka, Benjamin W. et al.         |
| 19 | 235/375;<br>705/44  | Davis, Virgil M. et al.            |
| 20 | 707/203;<br>709/217;<br>709/221;<br>717/126   | Parthasarathy,<br>Srivatsan et al. |

|    | U                        | 1                        | 2                        | 3                        | 4                                   | Document ID   | <del>Issue Date</del> | Pages | Title                                     | Current OR |
|----|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|---------------|-----------------------|-------|---|------------|
| 21 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6401066 B1 | 20020604              | 21    | Automated third party verification system | 704/273    |

|    | Current XRef | Inventor              |
|----|--------------|-----------------------|
| 21 | 704/275      | McIntosh, Jonathan P. |